|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **LIGHTING LOAD** | | | | | |
| **FIRST FLOOR** | | | | | |
| **SPACE** | **W** | **Fu** | **Fb** | **CLF** | **Qs (W)** |
| 1.1 Power House | 486.7018 | 0.75 | 1.2 | 0.94 | 411.7497 |
| 1.2 Work Area | 125.4656 | 0.75 | 1.2 | 0.94 | 106.1439 |
| 1.3 Storage Room | 101.6275 | 0.5 | 1.2 | 0.94 | 57.31791 |
| 1.4 Maintenance Office | 212.0235 | 0.5 | 1.2 | 0.94 | 119.5813 |
| 1.5 Female toilet | 237.8883 | 0.5 | 1.2 | 0.94 | 134.169 |
| 1.6 Male Toilet | 238.5032 | 0.5 | 1.2 | 0.94 | 134.5158 |
| 1.7 Minor Operating Room | 304.0518 | 0.5 | 1.2 | 0.94 | 171.4852 |
| 1.8 Equipment and supply storage area | 72.93 | 0.75 | 1.2 | 0.94 | 61.69878 |
| 1.9 Examination/Treatment Area | 548.5025 | 0.75 | 1.2 | 0.94 | 464.0331 |
| 1.10 Cadaver Holding Room | 255.2914 | 0.5 | 1.2 | 0.94 | 143.9843 |
| 1.11 Supply Room | 406.7609 | 0.5 | 1.2 | 0.94 | 229.4131 |
| 1.12 Bulk Storage | 51.7036 | 0.5 | 1.2 | 0.94 | 29.16083 |
| 1.13 Pharmacy | 269.7331 | 0.75 | 1.2 | 0.94 | 228.1942 |
| 1.14 Medical Records Office | 233.3656 | 0.75 | 1.2 | 0.94 | 197.4273 |
| 1.15 Medical Records | 242.2004 | 0.75 | 1.2 | 0.94 | 204.9015 |
| 1.16 PHILHEALTH | 222.7914 | 0.5 | 1.2 | 0.94 | 125.6543 |
| 1.17 Doctor's Duty | 150.8806 | 0.5 | 1.2 | 0.94 | 85.09666 |
| 1.18 Nurse Station (ER) | 1702.587 | 0.75 | 1.2 | 0.94 | 1440.388 |
| 1.21 Work Area (laboratory) | 427.18 | 0.75 | 1.2 | 0.94 | 361.3943 |
| 1.23 Waiting area | 164.8075 | 0.75 | 1.2 | 0.94 | 139.4271 |
| 1.24 OPD clinic dental 1 | 186.9543 | 0.5 | 1.2 | 0.94 | 105.4422 |
| 1.25 OPD clinic dental 2 | 186.9543 | 0.5 | 1.2 | 0.94 | 105.4422 |
| 1.27 OPD clinic surgery 1 | 187.6628 | 0.5 | 1.2 | 0.94 | 105.8418 |
| 1.28 OPD clinic surgery 2 | 187.6628 | 0.5 | 1.2 | 0.94 | 105.8418 |
| 1.29 Cashier | 71.3375 | 0.75 | 1.2 | 0.94 | 60.35153 |
| 1.30 Billing | 71.63 | 0.75 | 1.2 | 0.94 | 60.59898 |
| 1.31 Admitting | 73.2719 | 0.75 | 1.2 | 0.94 | 61.98803 |
| 1.32 Film File Storage | 71.7639 | 0.5 | 1.2 | 0.94 | 40.47484 |
| 1.33 Radiologist Office | 118.9396 | 0.5 | 1.2 | 0.94 | 67.08193 |
| 1.34 Dark Room | 64.3786 | 0.5 | 1.2 | 0.94 | 36.30953 |
| 1.35 Control Booth | 328.2994 | 0.5 | 1.2 | 0.94 | 185.1609 |
| 1.37 OPD Clinic Pedia 1 | 186.9543 | 0.5 | 1.2 | 0.94 | 105.4422 |
| 1.38 OPD Clinic Pedia 2 | 186.9543 | 0.5 | 1.2 | 0.94 | 105.4422 |
| 1.39 OPD Records | 135.434 | 0.5 | 1.2 | 0.94 | 76.38478 |
| 1.40 OPD info. And admitting | 129.7465 | 0.5 | 1.2 | 0.94 | 73.17703 |
| 1.41 OPD Clinic Medical 1 | 187.6628 | 0.5 | 1.2 | 0.94 | 105.8418 |
| 1.42 OPD Clinic Medical 2 | 187.6628 | 0.5 | 1.2 | 0.94 | 105.8418 |
| 1.43 Hospital Main Lobby | 8530.327 | 1 | 1.2 | 0.94 | 9622.209 |
| 1.46 Pressing Area | 109.603 | 0.5 | 1.2 | 0.94 | 61.81609 |
| 1.47 Linen Storage | 108.0781 | 0.5 | 1.2 | 0.94 | 60.95605 |
| 1.49 Linen Office | 109.6875 | 0.5 | 1.2 | 0.94 | 61.86375 |
| 1.50 Admin Office | 176.891 | 0.5 | 1.2 | 0.94 | 99.76652 |
| 1.51 Male Toilet | 224.3787 | 0.5 | 1.2 | 0.94 | 126.5496 |
| 1.53 Washing Area | 222.6471 | 0.5 | 1.2 | 0.94 | 125.573 |
| 1.54 Receiving Sorting Area | 111.4243 | 0.5 | 1.2 | 0.94 | 62.84331 |
| 1.56 Social Welfare | 176.7792 | 0.5 | 1.2 | 0.94 | 99.70347 |
| 1.57 Female Toilet | 221.5564 | 0.5 | 1.2 | 0.94 | 124.9578 |
| 1.58 OPD Info. And admitting | 135.7421 | 0.5 | 1.2 | 0.94 | 76.55854 |
| 1.59 OPD records | 150.6947 | 0.5 | 1.2 | 0.94 | 84.99181 |
| 1.60 Ultrasound | 247.9997 | 0.5 | 1.2 | 0.94 | 139.8718 |
| 1.61 Cooking Area | 444.7976 | 0.5 | 1.2 | 0.94 | 250.8658 |
| 1.62 Dry storage | 33.7233 | 0.5 | 1.2 | 0.94 | 19.01994 |
| 1.63 Cold Storage | 25.5125 | 0.5 | 1.2 | 0.94 | 14.38905 |
| 1.64 Supply Receiving Area | 74.3392 | 0.75 | 1.2 | 0.94 | 62.89096 |
| 1.65 Dietician's Office | 119.925 | 0.5 | 1.2 | 0.94 | 67.6377 |
| 1.66 Dietary | 494.4225 | 0.5 | 1.2 | 0.94 | 278.8543 |
| 1.67 Staff Dining | 661.5453 | 0.75 | 1.2 | 0.94 | 559.6673 |
| 1.68 OPD clinic Ob-gyne | 351.0728 | 0.5 | 1.2 | 0.94 | 198.0051 |
| 1.70 Canteen | 2362.09 | 0.5 | 1.2 | 0.94 | 1332.219 |
|  |  |  |  | **Total** | **19883.61** |
|  |  |  |  |  |  |
| **SECOND FLOOR** | | | | | |
| **SPACE** | **W** | **Fu** | **Fb** | **CLF** | **Qs (W)** |
| 5-Bed Ward 1 | 445.5997 | 0.75 | 1.2 | 0.94 | 376.9773 |
| 5-Bed Ward 2 | 445.38 | 0.75 | 1.2 | 0.94 | 376.7915 |
| 5-Bed Ward 3 | 445.77 | 0.75 | 1.2 | 0.94 | 377.1214 |
| 5-Bed Ward 4 | 443.5275 | 0.75 | 1.2 | 0.94 | 375.2243 |
| Isolation Room 1 | 177.7594 | 0.75 | 1.2 | 0.94 | 150.3845 |
| Private Room 1 | 180.9678 | 0.75 | 1.2 | 0.94 | 153.0988 |
| Private Room 2 | 180.3802 | 0.75 | 1.2 | 0.94 | 152.6016 |
| Chief Nurse | 399.256 | 0.5 | 1.2 | 0.94 | 225.1804 |
| Treatment Room | 233.2369 | 0.75 | 1.2 | 0.94 | 197.3184 |
| Nurse Station | 296.777 | 0.75 | 1.2 | 0.94 | 251.0733 |
| Dirty Utility | 62.2297 | 0.5 | 1.2 | 0.94 | 35.09755 |
| Clean Linen | 31.9553 | 0.5 | 1.2 | 0.94 | 18.02279 |
| Private Room 3 | 180.3555 | 0.75 | 1.2 | 0.94 | 152.5808 |
| Private Room 4 | 180.6064 | 0.75 | 1.2 | 0.94 | 152.793 |
| Isolation Room 2 | 178.1858 | 0.75 | 1.2 | 0.94 | 150.7452 |
| Reception | 143.6786 | 0.5 | 1.2 | 0.94 | 81.03473 |
| Private Room 5 | 177.8569 | 0.75 | 1.2 | 0.94 | 150.4669 |
| Chief of Hospital | 243.5147 | 0.5 | 1.2 | 0.94 | 137.3423 |
| 3-Bed Ward 1 | 329.836 | 0.75 | 1.2 | 0.94 | 279.0413 |
| 3-Bed Ward 2 | 331.24 | 0.75 | 1.2 | 0.94 | 280.229 |
| Private Room 6 | 178.7656 | 0.75 | 1.2 | 0.94 | 151.2357 |
| Conference Room | 499.8981 | 0.5 | 1.2 | 0.94 | 281.9425 |
| 3-Bed Ward 3 | 329.836 | 0.75 | 1.2 | 0.94 | 279.0413 |
| 3-Bed Ward 4 | 331.24 | 0.75 | 1.2 | 0.94 | 280.229 |
| Private Room 7 | 178.7656 | 0.75 | 1.2 | 0.94 | 151.2357 |
| Private Room 8 | 178.7656 | 0.75 | 1.2 | 0.94 | 151.2357 |
| Chief of Clinics | 277.7008 | 0.5 | 1.2 | 0.94 | 156.6233 |
| CSSR | 408.7044 | 0.5 | 1.2 | 0.94 | 230.5093 |
| Delivery Room | 454.8206 | 0.75 | 1.2 | 0.94 | 384.7782 |
| Sub-Ster Room 1 | 70.3443 | 0.75 | 1.2 | 0.94 | 59.51128 |
| Labor Room | 334.7318 | 0.75 | 1.2 | 0.94 | 283.1831 |
| Pathologic Nursery | 218.3922 | 0.75 | 1.2 | 0.94 | 184.7598 |
| Pre-mature nursery | 218.3987 | 0.75 | 1.2 | 0.94 | 184.7653 |
| Breastfeeding room | 132.9354 | 0.5 | 1.2 | 0.94 | 74.97557 |
| Pre-operation area | 247.0091 | 0.5 | 1.2 | 0.94 | 139.3131 |
| Autoclave area | 194.8375 | 0.5 | 1.2 | 0.94 | 109.8884 |
| Sterile supply room | 280.8078 | 0.75 | 1.2 | 0.94 | 237.5634 |
| Work Area 1 | 306.8039 | 0.75 | 1.2 | 0.94 | 259.5561 |
| Major Operating Room | 455.5525 | 0.5 | 1.2 | 0.94 | 256.9316 |
| Sub-Ster Room 2 | 73.9856 | 0.75 | 1.2 | 0.94 | 62.59182 |
| Jan.Clo. | 53.7394 | 0.5 | 1.2 | 0.94 | 30.30902 |
| Clean Up Room | 167.83 | 0.5 | 1.2 | 0.94 | 94.65612 |
| Sterile instrument supply Storage Area | 97.2192 | 0.75 | 1.2 | 0.94 | 82.24744 |
| Anesthesia Office and Storage | 227.7691 | 0.75 | 1.2 | 0.94 | 192.6927 |
| DR-1 | 36.4 | 0.5 | 1.2 | 0.94 | 20.5296 |
| DR-2 | 36.4 | 0.5 | 1.2 | 0.94 | 20.5296 |
| DR-3 | 36.4 | 0.5 | 1.2 | 0.94 | 20.5296 |
| Lounge Area | 536.9273 | 0.75 | 1.2 | 0.94 | 454.2405 |
| Recovery Room | 610.6646 | 0.75 | 1.2 | 0.94 | 516.6223 |
| Hallway | 8903.917 | 0.75 | 1.2 | 0.94 | 7532.714 |
|  |  |  |  | **Total** | **16958.07** |
|  |  |  |  |  |  |
| **THIRD FLOOR** | | | | | |
| **SPACE** | **W** | **Fu** | **Fb** | **CLF** | **Qs (W)** |
| 5-Bed Ward 1 | 445.5997 | 0.75 | 1.2 | 0.94 | 376.9773 |
| 5-Bed Ward 2 | 445.38 | 0.75 | 1.2 | 0.94 | 376.7915 |
| Waiting Area 1 | 486.3131 | 0.5 | 1.2 | 0.94 | 274.2806 |
| Waiting Area 2 | 486.3131 | 0.5 | 1.2 | 0.94 | 274.2806 |
| 5-Bed Ward 3 | 445.38 | 0.75 | 1.2 | 0.94 | 376.7915 |
| 5-Bed Ward 4 | 445.38 | 0.75 | 1.2 | 0.94 | 376.7915 |
| Isolation Room 1 | 131.8109 | 0.75 | 1.2 | 0.94 | 111.512 |
| Private Room 1 | 180.9886 | 0.75 | 1.2 | 0.94 | 153.1164 |
| Private Room 2 | 180.3594 | 0.75 | 1.2 | 0.94 | 152.5841 |
| Chief Nurse | 399.256 | 0.5 | 1.2 | 0.94 | 225.1804 |
| Treatment Room | 233.2369 | 0.5 | 1.2 | 0.94 | 131.5456 |
| Nurse Station | 296.777 | 0.75 | 1.2 | 0.94 | 251.0733 |
| Dirty Utility | 62.2297 | 0.5 | 1.2 | 0.94 | 35.09755 |
| Clean Linen | 31.9553 | 0.5 | 1.2 | 0.94 | 18.02279 |
| Private Room 3 | 180.3555 | 0.75 | 1.2 | 0.94 | 152.5808 |
| Private Room 4 | 180.6064 | 0.75 | 1.2 | 0.94 | 152.793 |
| Isolation Room 2 | 132.2308 | 0.75 | 1.2 | 0.94 | 111.8673 |
| Private Room 5 | 206.2047 | 0.75 | 1.2 | 0.94 | 174.4492 |
| Privaate Room 6 | 206.2047 | 0.75 | 1.2 | 0.94 | 174.4492 |
| 3-Bed Ward 1 | 322.179 | 0.75 | 1.2 | 0.94 | 272.5634 |
| 3-Bed Ward 2 | 323.5817 | 0.75 | 1.2 | 0.94 | 273.7501 |
| Private Room 7 | 177.8569 | 0.75 | 1.2 | 0.94 | 150.4669 |
| Private Room 8 | 178.7656 | 0.75 | 1.2 | 0.94 | 151.2357 |
| Private Room 9 | 208.1456 | 0.75 | 1.2 | 0.94 | 176.0912 |
| Private Room 10 | 208.1456 | 0.75 | 1.2 | 0.94 | 176.0912 |
| Private Room 11 | 178.7656 | 0.75 | 1.2 | 0.94 | 151.2357 |
| Private Room 12 | 178.7656 | 0.75 | 1.2 | 0.94 | 151.2357 |
| Waiting Area | 305.2777 | 0.75 | 1.2 | 0.94 | 258.2649 |
| Private Room 13 | 139.8436 | 0.75 | 1.2 | 0.94 | 118.3077 |
| Private Room 14 | 147.095 | 0.75 | 1.2 | 0.94 | 124.4424 |
| Solarium 1 | 173.0079 | 0.5 | 1.2 | 0.94 | 97.57646 |
| Stretcher's Wheelchair Nook 1 | 144.1336 | 1 | 1.2 | 0.94 | 162.5827 |
| Stretcher's Wheelchair Nook 2 | 107.575 | 1 | 1.2 | 0.94 | 121.3446 |
| Solarium 2 | 175.0775 | 0.5 | 1.2 | 0.94 | 98.74371 |
| Water Tank | 2391.269 | 0.75 | 1.2 | 0.94 | 2023.014 |
| Chapel | 765.1813 | 1 | 1.2 | 0.94 | 863.1245 |
| Male Toilet | 226.7876 | 0.75 | 1.2 | 0.94 | 191.8623 |
| Female Toilet | 227.2478 | 0.75 | 1.2 | 0.94 | 192.2516 |
| Waiting Area | 566.6882 | 0.5 | 1.2 | 0.94 | 319.6121 |
| Admitting | 141.7078 | 0.75 | 1.2 | 0.94 | 119.8848 |
| Billing | 140.1803 | 0.75 | 1.2 | 0.94 | 118.5925 |
| Cashier | 122.4119 | 0.75 | 1.2 | 0.94 | 103.5605 |
| Personel's dining | 350.9454 | 0.75 | 1.2 | 0.94 | 296.8998 |
| Hospital main lobby | 10504.1 | 1 | 1.2 | 0.94 | 11848.62 |
| Private Room 15 | 145.6 | 0.75 | 1.2 | 0.94 | 123.1776 |
| Private Room 16 | 139.1 | 0.75 | 1.2 | 0.94 | 117.6786 |
|  |  |  |  | **Total** | **22702.4** |

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| **Summary of Data** | |
|  | **Q** |
| FIRST FLOOR | 19883.60974 |
| SECOND FLOOR | 16958.06618 |
| THIRD FLOOR | 22702.40007 |
| TOTAL | **59544.076** |
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